

#### ABSTRACT OF THE DISCLOSURE

A vehicle door has an inner panel (11) on which an outer panel is fitted. The inner panel is covered by a loose panel, the trim. The inner panel has a front end wall (12) and a rear end wall (13). A reinforcement beam (20) is fastened between the end walls for transmitting force from a door pillar (33) to which the door is attached to a door pillar (34) behind the door, in the event of a collision. The reinforcement beam has a high single hat profile (21) which is fastened to the upper part of the front end wall, and extends in a curve out towards the external part of the inner panel, where the profile height is lower. The profile height decreases continuously from the high profile height to the low profile height, and the single hat profile (21) extends into a double hat profile (22). The reinforcement beam also functions as a side impact guard.